

WHAT IS CLAIMED IS:

1. A printing system comprising:

a host computer for generating job data of a print job;

5 and

a printer for receiving and printing said job data from
said host computer,

wherein said printer sends a job request to said host
computer, and said host computer sends said job data to said
10 printer in response to the job request sent from said printer.

2. A printing system according to claim 1, further
comprising a print server,

wherein said host computer sends job location data
15 showing a location of said job data to said print server,

said print server temporarily stores said job location
data and sends it to said printer, and

said printer sends said job request to said host computer
which said job location data shows.

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3. A printing system according to claim 1,

wherein said host computer sends job location data
showing a location of said job data to said printer, and

said printer sends said job request to said host computer
25 which said job location data shows.

4. ~~A printing system according to claim 1,~~

wherein said printer can specify a desired part of said job data when said printer sends said job request to said host computer, and

5 said host computer sends only said specified part of said job data to said printer in response to said job request.

5. ~~A printing system according to claim 1,~~

wherein said host computer informs said printer of a

10 location of each part constituting said job data,

said printer can specify a desired part of said job data based upon said informed location of each part when said printer sends said job request to said host computer, and

15 said host computer sends only said specified part of said job data to said printer in response to said job request.

6. A method of sending job data of a print job to a printer, comprising steps of:

storing the job data in a host computer;

20 sending a job request from said printer to said host computer; and

sending said job data from said host computer to said printer in response to said job request.

25 7. ~~A method according to claim 6, further comprising~~

steps of:

sending job location data showing a location of said job data from said host computer to a print server; and

temporarily storing said job location data in said print
5 server and sending it to said printer,

wherein, in said step of sending the job request, said printer sends said job request to a host computer which said job location data shows.

8. A method according to claim 6, further comprising
a step of sending job location data showing a location of said
job data from said host computer to said printer,

wherein, in said step of sending the job request, said
printer sends said job request to a host computer which said job
15 location data shows.

9. A method according to claim 6,
wherein said printer can specify a desired part of said
job data in said step of sending the job request, and
20 said host computer sends only said specified part of said
job data to said printer in said step of sending the job data.

10. A method according to claim 6, further comprising
a step of informing said printer of a location of each part of
25 constituting said job data from said host computer,

~~wherein, in said step of sending the job request, said~~
printer can specify a desired part of said job data, and
in said step of sending the job data, said host computer
sends only said specified part of said job data to said printer.

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11. A printer comprising:

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a job request section for demanding job data from a host
computer having said job data; and

10 a printing section for receiving and printing said job
data sent from said host computer in response to a request from
said job request section.

12. A printer according to claim 11,

15 wherein said job request section receives job location
data showing a location of said job data from a print server, and
said job request section sends a job request to said host
computer which said job location data shows.

13. A printer according to claim 11, further

20 comprising a print server for receiving job location data showing
a location of said job data from said host computer and temporarily
storing it,

25 wherein said job request section sends said job request
to said host computer which said job location data stored in the
print server shows.

14. A printer according to claim 11,

wherein said job request section can specify a desired part of said job data for said host computer when said job request section sends said job request, and

5 said printing section receives only said desired part of said job data sent from said host computer in response to a request from said job request section and prints it.

15. A printer according to claim 11, further

10 comprising means which a location of each part constituting said job data is informed from said host computer,

wherein said job request section can specify a desired part of said job data for said host computer based upon said informed location of each part when said job request section sends
15 said job request, and

said printing section receives only said desired part of said job data sent from said host computer in response to a request from said job request section and prints it.

20 16. A method of operating a printer, comprising steps of:

demanding job data from a host computer having said job data; and

receiving and printing said job data sent from said host
25 computer in response to a job request of said demanding step.

~~17. A method according to claim 16, further~~
comprising a step of receiving job location data showing a location
of said job data from a print server,

5 wherein in said step of demanding, said job request is
sent to said host computer which said job location data shows.

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10 18. A method according to claim 16, further
comprising a step of receiving job location data showing a location
of said job data from said host computer and temporarily storing
it,

wherein, in said step of demanding, said job request is
sent to said host computer which said stored job location data
shows.

15 19. A method according to claim 16,
wherein, in said step of demanding, a desired part of said
job data can be specified for said host computer, and

20 in said step of printing, only said desired part of said
job data sent from said host computer in response to said job
request is received and printed.

25 20. A method according to claim 16, further
comprising a step of being informed of a location of each part
constituting said job data from said host computer,

~~wherein, in said step of demanding, a desired part of said~~
job data can be specified for said host computer based upon said
informed location of each part, and

in said step of printing, only said desired part of said
5 job data sent from said host computer in response to said job
request is received and printed.

21. A print server comprising:

a receiver for receiving job location data showing a
10 location of job data from a host computer;

a storage for temporarily storing said received job
location data; and

a transmitter for sending said stored job location data
to a printer.

22. A method of operating a print server, comprising
steps of:

receiving job location data showing a location of job data
from a host computer;

temporarily storing said received job location data; and
20 sending said stored job location data to a printer.

23. A record medium readable by a computer on which
a program for instructing a computer to execute the following steps
25 is recorded, said steps comprising:

a step of receiving job location data showing a location of job data from a host computer;

a step of temporarily storing said received job location data; and

5 a step of sending said stored job location data to a printer.

24. A host computer of a printer comprising:
a storage for storing job data of a print job; and
10 a transmitter for sending said stored job data to a printer in response to a job request from said printer.

25. A host computer according to claim 24, further comprising a location information section for sending job
15 location data showing a location of said job data to one of said printer and a print server.

26. A host computer according to claim 24,
wherein, if a part of said job data is specified in said
20 job request from said printer, said transmitter sends only said specified part of said job data to said printer.

27. A host computer according to claim 24, further comprising means for informing one of said printer and a print
25 server of a location of each part constituting said job data,

wherein, if a part of said job data is specified based upon said informed location in said job request from said printer, said transmitter sends only said specified part of said job data to said printer.

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28. A method of operating a host computer of a printer, comprising steps of:

storing job data of a print job; and

10 sending said stored job data to a printer in response to a job request from said printer.

29. A method according to claim 28, further comprising a step of sending job location data showing a location of said job data to one of said printer and a print server.

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30. A record medium readable by a computer on which a program for instructing a computer to execute the following steps is recorded, said steps comprising:

a step of storing job data of a print job; and

20 a step of sending said stored job data to a printer in response to a job request from said printer.

31. A record medium according to claim 30,

25 wherein a program for instructing a computer to further execute a step of sending job location data showing a location

~~of said job data to one of said printer and a print server is~~
recorded.

5 32. A record medium according to claim 30,

wherein, if a part of said job data is specified in said
job request from said printer, only said specified part of said
job data is sent to said printer in said step of sending job data.)